

What we claim is:

1. A well reamer, comprising a housing with inclined slots and a central straight-through channel, in which a rod is placed and is spring-loaded towards the lower end of the housing, legs with journals fixed in the first inclined slots of the housing, on which journals rolling cutters are set, and supports, in which free ends of the leg journals are secured interacting with the rod through pushers, characterized in that the pushers of the supports are made in the form of cylindrical pistons, placed in inclined bores of the housing and tightened relative to its straight-through channel and annulus environment, of which some ends are connected with supports, and others are fixed on the rod with the possibility of radial movement with respect to its walls, where the central straight-through channel of the housing communicates with annulus environment through a first and a second holes made in walls of the housing and the rod, being covered with extending the legs with cutters into working position.